

# ***J & E Industries, Inc.***

**201 S. WASHINGTON AVE., JERMYN, PA 18433**  
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*J & E Industries, Inc., was established in 1990. We have the capability of machining a variety of CNC milling and turning components, using various materials, to meet all standards of certification. Our goal is customer satisfaction. To this end, we machine quality machine components, meeting all customer specifications and timelines.*

*Our facility includes the following:*

**KITAMURA:** Model HX-400 w/Fanuc 16i-M CNC

Control Horizontal Machining Center with twin pallets  
Full 4 th Axis (50 ATC ) ; 25 HP AC motor;  
Spindle speed 40-13,000 RPM  
Rapid feed (All Axis) 1968.5” per minute  
Travels x axis 26”  
y axis 27”  
z axis 24”

**KITAMURA:** Model HX-400 i w/ Fanuc 16i-M CNC

Control Horizontal Machining Center with twin pallets  
Full 4 Th Axis (100 ATC); 25 HP AC motor;  
Spindle speed 40-13,000 RPM  
Rapid feed (All Axis) 1968.5 ”per minute  
Travels x axis 26”  
y axis 27”  
z axis 24”

**KITAMURA:** Model HX-300 i w/ Fanuc 16i-M CNC

Control Horizontal Machining Center with twin pallets  
Full 4 Th Axis (40 ATC); 20 HP AC motor;  
Spindle speed 40-15,000 RPM  
Rapid feed (All Axis) 1968.5 ”per minute  
Travels x axis 20”  
y axis 20”  
z axis 16”

**LEADWELL:** Model MCV 1500i w/ Fanuc 18iTB Control- Cat 50 Taper Machining Center:

rotary (4<sup>th</sup>) axis w/ 12” Dia. Table w/ 4.13 thru hole; 30 ATC; 35 HP motor; 10,000 RPM max. spindle speed  
Travels x axis 60”  
y axis 30”  
z axis 28.3”

**KITAMURA:** Model Mycener 4XD w/ FanucI 0iMD Control

Vertical Machining Center  
Full 4 Th Axis Rotary table (30 ATC); Spindle RPM: 12,000 Belt Drive  
Rapid Feed (X,Y) 1417 ipm (Z) 1181 imp  
Travels x axis 43.31”, y axis 24.02”, z axis 24.02”

**SUPERMAX:** Model Max-8 Rebel w/ Fanuc Series O-M CNC Control Machining Center; rotary (4<sup>th</sup>) axis; 24 ATC; 20 HP motor; 8000 RPM max. spindle speed;  
Travels x axis 65”  
y axis 30”  
z axis 30”

**DAEWOO:** Model Ace-V50 w/ Fanuc Series O-M Control, twin pallet Machining Center; 30-position ATC; 20 HP motor; 25-8000 RPM spindle speed range;  
Travels x axis 40”  
y axis 20”  
z axis 25.6”

**KITAMURA:** Model Mycenter 3XG w/Kitamura-Arumatik Mi CNC Control Machining Center; 30 ATC; 15,000 RPM – with 2 Speed Motor  
Rapid Feed (X,Y) 1969 ipm, (Z) 1417 imp  
Positioning Accuracy +/- .000078” , Repeatability +/- .000039”  
Travels x axis 30”, y axis 18”, z axis 18.1”

**SUPERMAX:** Model Max-4XP w/ Fanuc Series O-M CNC Control Machining Center; 24 ATC; 20 HP motor; 8000 RPM max. spindle speed;  
Travels x axis 43”  
y axis 24”  
z axis 25”

**LEADWELL:** Model LTC-40 BL w/ Fanuc OTB Control Turning Center: 12-station turret: 50 HP motor; 15” Chuck, Max. Work Swing- 28.34”, Swing Over Cross Slide- 21.25”, Max. Turning Diameter- 23.62”, “ Z “ Axis Travel- 60”, 4.50” Bar Capacity, and Programmable Quill & Tailstock

**LEADWELL:** Model LTC-35 w/ Fanuc OiTC Control Turning Center: 12-station turret: 50 HP motor; 15” Chuck, Max. Work Swing- 25.6”, Swing Over Cross Slide- 20.3”, Max. Turning Diameter- 18.9”, “ Z “ Axis Travel- 40.2”, 4.50” Bar Capacity, and Programmable Quill.

**LEADWELL:** Model LTC-30 CP w/ Fanuc OTB Control Turning Center: 12-station turret: 50 HP motor; 15” Chuck, Max. Work Swing- 25.6”, Swing Over Cross Slide- 20.3”, Max. Turning Diameter- 18.9”, “ Z “ Axis Travel- 40.2”, 4.50” Bar Capacity, and Programmable Quill.

**LEADWELL:** Model LTC-25 CL w/ Fanuc OiTH Control Turning Center: 12-station turret: 40 HP motor; 12” Chuck, 4” Bar Capacity, and Programmable Quill.  
“ Z “ Axis Travel- 40.00”.

**DAEWOO:** Model Puma 8HC w/ Fanuc Series OT Control Turning Center; 12-station turret; 20 HP motor; 19.7 swing-over bed; spindle speed 40-4000 RPM; spindle bore diameter of 2.047”; 630 IPM rapid traverse; fully programmable tailstock.

**DAEWOO:** Model Puma 10S w/ Fanuc Series OT Control Turning Center; 12-station turret; 30 HP motor; 22.4” swing-over bed; spindle speed 20-3150 RPM;

spindle bore diameter of 2.500"

**DAEWOO:** Model Puma 10HC w/ Mitsubishi 520 LR Control Turning Center; 10-station turret; 30 HP motor; 19.7" swing-over bed; spindle speed 10-3500 RPM; distance between centers is 20.7"; spindle bore diameter is 3.000".

**DAEWOO:** Model Lynx A w/ Mitsubishi M50L Control w/ Tailstock Turning Center; 10-station turret; 10 HP motor; 18.1" swing-over bed; spindle speed 50-5000 RPM; spindle bore diameter of 1.75"; parts catcher; bar feed (SMV spacesaver 2000).

**CLAUSING KONDIA VERTICAL MANUAL MILLING MACHINE:** Model FV1-48VS08; 9" x 48"; Servo Table feed; Newell Topaz 2-Axis DRO System.

**HARDINGE CHUCKING MACHINE:** Model HCT w/ production threading head.

**ACRA ENGINE LATHE:** Model 2280LS; 22" swing-over bed; 13" swing-over cross slide; 30-7/8" swing in gap; 80" center distance; 4-1/16" spindle bore; Newell Model DPG2000 2-Axis DRO System.

**MITTS & MERRILL NO. 2-HFR KEYSEATER:** 12" stroke; 1-1/4" maximum key width; 1-3/4" maximum key depth.

**MITTS & MERRILL MODEL K-2024 KEYSEATER:** 24" stroke; 2" maximum key width

**LAPMASTER:** 24" diameter table lapping machine.

**DOALL:** Model C-305 Series Automatic Production Power Saw; cutting capacity for both round and square – 12".

**MILLER:** Model 251 Mig Welder

**MILLER:** Model 450 Mig Welder

**MILLER:** Model 250 DX Syncrowave Tig & Stick Welder

**BROWN & SHARPE:** ONE Shop Floor CMM w/ UMP360 Touch Trigger Controller  
Geometric Thermal Temperature Compensation

**HANSFORD:** Model RCS-4040-18 Coordinate Measuring Machine (CMM) w/ Metronics  
Quadra-Check 3000 Series Control;  
Travels x axis 36"  
y axis 38"  
z axis 13"

**MICROMETERS:** 0" TO 20" range  
0" – 1" Blade Micrometer; 0" – 1" Ball Micrometer; 0" – 1" Hub Micrometer;  
3" – 4" Digital Point Micrometer; 0" – 10" Depth Micrometer; .150" – 4.000"  
3-Point Hole Micrometer.

**DIAL BORE GAUGES:** 2.000" – 6.180" range.

**ASSORTED BALL GAUGES**

**GAUGE PINS:** .011" - .750" range.

**RING GAUGES:** .174" – 3.600" range.

**JO BLOCKS:** 2 standard sets; .050" - .100" – 1.000"

**RADIUS GAUGE SET:** 1/32" – ½"

**MICROMETER STANDARDS:** 1" – 19"

**THREAD WIRE SET**

**OPTICAL MAGNIFIED LIGHT**

**ANGLE BLOCK SET:** 1 degree to 30 degree.

**THREAD GAUGES:** 0-80 to 1-1/8-12 range.

**PIPE THREAD GAUGES:** 1/8-27 to 2"-11-1/2 range.

**HELICOIL THREAD GAUGES:** 2-56 to 5/16-24 range.

**SELECTION OF METRIC HELI GAUGES**

**HELI THREAD GAUGES:** M2.5 to M12 range.

**115 ASSORTED THREAD GAUGES MADE BY J & E INDUSTRIES:** both American & metric.

**ASSORTED THREAD RING GAUGES**

**MISCELLANEOUS INSPECTION TOOLS:** hardness tester; inspection & geometric tolerance handbook; machinist handbook; surface roughness tester; screw pitch gauges; sine bar set; 3.2.1 blocks; angle plates; V-blocks; digital height gauge; Verniers, range 0-6 to 0-24; telescope hole gauges; protractors; scales; spring calipers; Mastercam computer software; calculators; machine levels; straight edges; squares; feeler gauges.